

# Converting Colors

Hex(8A776D)

Have a look what the booklet for  
Hex(8A776D) contains.

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# Color

**Hex(8A776D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A776D
RGB	138, 119, 109
RGB Percent	54%, 47%, 43%
CMY	0.4588, 0.5333, 0.5725
CMYK	0.00, 0.14, 0.21, 0.46
HSL	21°, 12%, 48%
HSV	21°, 21%, 54%
XYZ	19.8384, 19.7011, 17.2251
YIQ	123.5410, 14.5340, 0.9180

# Conversions

## Conversions Part 2

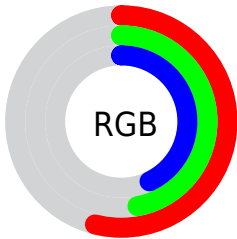
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 124, 109
Decimal	9074541
CIE <sub>Lab</sub>	51.50, 5.65, 8.21
CIE <sub>LCh</sub>	51, 9.967, 55.436
Yxy	19.7011, 0.3495, 0.3471
Android (android.graphics.Color)	4287264621 (0xFF8A776D)
YUV	123.5410, -7.1687, 12.6805
Hunter-Lab	44.3859, 2.1058, 8.0611

# Details

The Hex color **8A776D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D808A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C0ABA0**, and **58473E** is the 20% darker color. If you saturate the color by 10%, you get **8A6E5F**, and if you desaturate by 10%, it is **8A807B**.

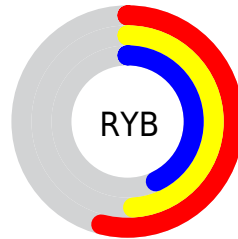
# Distribution



Red (54%)

Green (47%)

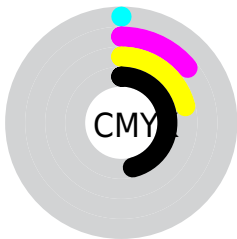
Blue (43%)



Red (54%)

Yellow (49%)

Blue (43%)

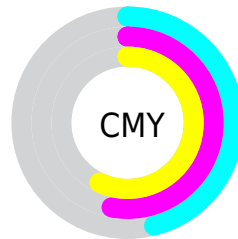


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A776D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8A776D by changing the saturation by 10% instead.



 8A776D

 8A776D

FFFFFF

 705E55

 C0ABA0

 58473E

 DCC6BB

 403028

 F8E2D7

 291B13

 FFFFF4

 140100

 000000

 8A776D

 8A776D

 8A6E5F

 8A807B

 8A6551

 8A8989

 8A5C44

 8A9296

 8A5336

 8A9BA4

 8A4A28

 8AA4B2

 8A411A

 8AADC0

 8A380C

 8AB6CE

 8A3000

 8ABFDB

 8AC8E9

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8D7574



8A776D



837A6A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8A776D



688079



7B798A

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8A776D



6D808A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



707C8B



8A776D



658082

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8A776D



707F71



687E88



857684

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8A776D



7D7C6A



687E88



777A8B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8A776D



B3ABA8



8A6D80



595553



D9D9D9



595959



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8A776D



B39586



8A856D



45403E



852E00



050200



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6D808A



86A3B3



6D728A



3E4245



005785



000305



# Previews

## White Background



This preview shows how the Hex color 8A776D looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

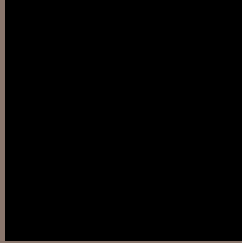
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A776D Background



This preview shows how black text looks on a background with the Hex color 8A776D.

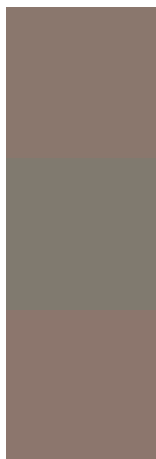


This preview shows how white text looks on a background with the Hex color 8A776D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
8A776D

**Protanopia**  
807A6F

**Deuteranopia**  
8C766D



**Tritanopia**  
8C757E

# Trichromacy



**Original Color**  
8A776D

**Protanomaly**  
84796E

**Deuteranomaly**  
8B766D

**Tritanomaly**  
8B7678

# Monochromacy



**Original Color**  
8A776D

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
817A77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A776D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8A776D looks like.

```
.text, #text, p{  
    color:#8A776D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8A776D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A776D
}
```

## Border

The CSS property to change the border of an element to Hex 8A776D is called "border". The border property can be set on classes, ids or directly on the HTML element.

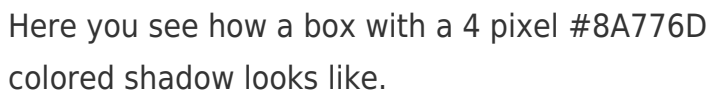
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A776D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8A776D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #8A776D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A776D; -webkit-box-shadow:4px 4px  
4px 4px #8A776D; box-shadow:4px 4px 4px  
4px #8A776D }
```

# Background

The CSS property to change the background color of an element to Hex 8A776D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A776D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8A776D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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